

Date: March , 2010

Title: 5.1 Solving Systems

Objective: To graphically solve and understand the solution to a system of linear equations.

IN: On the same coordinate plane, graph the following lines:

$$y = x - 2$$

$$y = -1/2x + 1$$

(2, 1)

$$x + 2y = 4$$

$$2x + 2y = 6$$

Is (2,1) a solution?

OOT:

Is the point (2,1) a solution for

$$2x + 3y = 7$$

$$3x - y = 5 ?$$

Summary:

Using a graph, how would you determine when the two situations have the same solution?